

**Amendment to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS**

1.- 20. (cancelled)

21. (amended) An apparatus for applying a polymer to a substrate, said apparatus comprising:
- a) means to melt said polymer ~~on demand~~;
  - b) a pumping means ~~used~~ to transport said molten polymer to an extrusion device;
  - c) at least one casting drum for extrusion of the molten polymer thereon to form ribbons;
  - d) ribbon rollers for transportation of said ribbon;
  - ~~d e)~~ a plurality of movable dies cooperatively forming an encapsulation region;
  - ~~e f)~~ means for holding and pumping ~~an active~~ a first fill material;
  - ~~f g)~~ means for holding and pumping a ~~placebo~~ second fill material; and
  - ~~g h)~~ a valved injection wedge disposed between said encapsulation region and said means for holding and pumping fill material, ~~adapted to switch~~ for randomly selecting between the ~~placebo~~ first fill material and the ~~active~~ therefore second fill material.
22. (amended) The apparatus of claim 21 wherein said means to melt said polymer ~~on demand~~ comprises a melt grid.
23. (previously presented) The apparatus of claim 21 wherein said pumping means used to transport said molten polymer is a positive displacement pump.
24. (previously presented) The apparatus of claim 21 additionally comprising a reservoir means disposed between said means to melt said polymer and said extrusion device.

25. (previously presented) The apparatus of claim 21 wherein said extrusion device comprises a chamber and an extrusion slot.

26. (amended) The apparatus of claim 23 additionally comprising at least two fill hoppers and at least two sets of fill lines.

27. (previously presented) The apparatus of claim 26 additionally comprising at least two sets of return lines.